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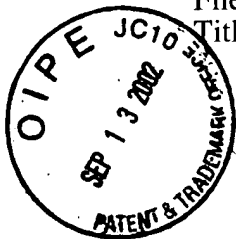
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Lyon and Angov
U.S. application serial no.: 10/057,531
Filed: January 25, 2002

Attny Dkt: 003/241/SAP

Title: Isolation and Purification of P. falciparum Merozoite Protein-1₄₂ Vaccine

12 September 2002



RESPONSE

Commissioner of Patents and Trademarks
Box Sequence Listing
Washington, D.C. 20231

Sir:

This is in response to the Notice to Comply with Sequence Listing Requirements dated July 12, 2002 in the subject application. Herewith submitted is twelve pages of substitute paper Sequence Listing and a computer readable form (CRF) copy of the "Sequence Listing" in the subject application.

Kindly replace the originally filed sequence listing with the herein enclosed substitute sequence listing pages 1-12. I hereby state that the content of the substitute paper and computer readable copies are the same and include no new matter.

Entry of the corrected Sequence Listing is respectfully requested.

Respectfully submitted,

U.S. A. MRMCM
504 Scott Street
Fort Detrick, MD 21702-5012
ATTN: MCMR -JA (Elizabeth Arwine-Patent Atty)

By Elizabeth Arwine Reg. No. 39,441
U.S. Reg. No. 45,867

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Box Sequence Listing, Box 2327, Arlington, VA 22202, on 12 September 2002.

By Sana A. Pratt
Sana A. Pratt
U.S. Reg. No. 39,441

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
TRANSMITTAL FORM

In re Application of Lyon and Angov
U.S. application serial no.: 10/057,531
Filed: January 25, 2002

Attny Dkt: 003/241/SAP

Title: Isolation and Purification of P. falciparum Merozoite Protein-1₄₂ Vaccine

12 September 2002

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

Sir:

Transmitted for filing herewith are the following items:

[x] Response to Notice to Comply with Sequence Listing Requirements
dated July 12, 2002

[12] Sheets of paper Sequence Listing

[x] A diskette with computer readable form of Sequence Listing

[x] Petition to extend the original due date of _____
to cover the date of this paper accompanied by the extension
fee of: (Large/Small entity: [] 1 mo. \$110/\$55

[] 2 mos. \$400/\$200

[] 3 mos. \$930/\$465

[] 4 mos. \$1,470/735): \$

Fee required \$0.00

Please charge the above fee and any missing or inadequate fee re this paper to
Deposit Account No. **21-0380** for which purpose a duplicate copy of this sheet is
attached.

Respectfully submitted,

U.S. Army Medical and Materiel Command
504 Scott Street
Fort Detrick, Maryland 21702-5012
ATTN: MCMR JA (Ms. Elizabeth Arwine- Patent Atty)

by Elizabeth Arwine Reg. No. 39,441
for U.S. Agent No. 45,867

I hereby certify that this correspondence is being deposited with the United States
Postal Service with sufficient postage as first class mail in an envelope addressed to:
Honorable Commissioner of Patents and Trademarks, Box Sequence, P.O.Box 2327
Arlington, VA 22202, on the date of September 12, 2002.

Respectfully submitted,

by Sana A. Pratt
Sana A. Pratt



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/057,531 | 01/25/2002 | Jeffrey A. Lyon | 003/241/SAP |

CONFIRMATION NO. 2343

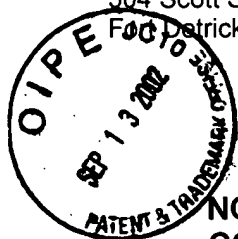
FORMALITIES LETTER



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U. S. Army Medical Research and Materiel Command
ATTN: MCMR-JA (Ms. Elizabeth Arwine- Patent Atty)
504 Scott Street
Fort Detrick, MD 21702-5012

Date Mailed: 07/12/2002



**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
DISCLOSURES**

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE